

Power Cost Memorandum Fuel Cost Update

Date: June 2, 2022

Utility Name (Cert. No.) (586) Tatitlek Village IRA Council d/b/a Tatitlek Electric Utility	Utility File No. PC16-0316AA	Date Filed: May 6, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC16-0316Z	Staff Recommended Amount(s) and Effective Date PC16-0316AA
Class Rate	Date Approved: March 4, 2022	June 3, 2022
ALL	\$0.6205	\$0.6540
<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim		

Prior Fuel Purchase Price: <u>\$ 5.0700</u> <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	New Fuel Purchase Price: \$ 5.4053 <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	500	X	4.1218	=	2,060.9
Delivered	13,475	X	5.4529	=	73,475.4
	13,975				\$75,536.32
					Weighted Average \$ 5.4053

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Signed: Brenda Cox
Brenda Cox Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 6/2/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		RMP		
Doyle				
Kurber		KKI		
Sullivan		DS		
Wilson		JWW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tatitlek Village IRA Council d/b/a Tatitlek Electric Utility

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING DECEMBER 31, 2015
Fuel Cost Update

	PC16-0316Z	PC16-0316AA
	Prior Commission Approval	Per Utility Staff Recommended
A. Total kWh Generated	420,158	420,158
B. Total kWh Sold (Appendix 2)	344,697	344,697
C. Total Non-Fuel Costs (Appendix 2)	109,947	109,947
D. Non-Fuel Cost/kWh (C / B)	\$0.3190	\$0.3190
E. Total Fuel Costs (Appendix 2)	184,224	196,405
F. Fuel Costs/kWh (E / B)	\$0.5345	\$0.5698
G. Eligible Costs/kWh (D + F)	\$0.8534	\$0.8888
H. Eligible Cost/kWh (G) less 20.03 cents	\$0.6531	\$0.6885
I. Lesser of (H) or 79.97 cents/kWh	\$0.6531	\$0.6885
J. Average Class Rates (Appendix 3) ALL	\$0.7197	\$0.7197
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95% or (J) ALL	\$0.6205	\$0.6540
L. Funding Level in Effect ALL	100% \$0.6205	100% \$0.6540

PC16-0316AA
Appendix 1

Tatitlek Village IRA Council d/b/a Tatitlek Electric Utility

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING DECEMBER 31, 2015

Fuel Cost Update

		PC16-0316Z	PC16-0316AA	
Non-Fuel Costs:		Prior Commission Approval	Per Utility	Per Staff
A.	Personnel Costs	59,555	59,555	59,555
B.	Operating Expenses	5,010	5,010	5,010
C.	General & Administrative	21,299	21,299	21,299
D.	Depreciation	24,083	24,083	24,083
E.	Interest Expense	0	0	0
F.	Other (Describe)	0	0	0
G.	Total Non-Fuel Costs	\$109,947	\$109,947	\$109,947
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	36,336	36,336	36,336
I.	Price of Fuel: Weighted Average	\$5.0700	\$5.4053	\$5.4053
J.	Total Cost of Fuel	\$184,224	\$196,405	\$196,405
K.	kWh Generated	420,158	420,158	420,158
L.	kWh Sales	344,697	344,697	344,697
M.	kWh Station Service	28,278	28,278	28,278
N.	Efficiency (K /H)	Standard ≥ 10.5	11.56	11.56
O.	Line Loss & Station Service	≤ 12%	11.23%	11.23%
(kWh generated -(kWh Sold + Station Service))/kWh Generated				

On Hand	500	x	\$4.1218	=	\$2,060.90	
Delivered	13,475	x	\$5.4529	=	\$73,475.42	Weighted Avg:
	<u>13,975</u>				<u>\$75,536.32</u>	<u>\$5.4053</u>

PC16-0316AA
Appendix 2

**Tatitlek Village IRA Council d/b/a
Tatitlek Electric Utility**

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: Residential

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	0.9200		0.9200	460.0000		
to						
to						
to						
Max 500			Total	460.00	0.9200	0.7197

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

**Tatitlek Village IRA Council d/b/a
Tatitlek Electric Utility**

CALCULATION OF COMMUNITY FACILITY AVERAGE RATE PER kWh

Rate Schedule: Community Facilities

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to	0.9200		0.9200	0.7197
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to				
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to				
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2003
0 to				
to				
to				

Tatitlek Village IRA Council d/b/a Tatitlek Electric Utility

Fuel Purchases

	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		500			
Last Approved Fuel Cost/Gal.			\$ 4.1218		
Beginning Fuel Inventory in Gallons	X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost ---->				\$ 2,061
Reporting Period Purchases	02/06/22	689.8	5.2900		3,649
	02/16/22	6,708.3	5.2900		35,487
	02/18/22	1,221.4	5.2900		6,461
	04/01/22	2,686.6	5.5500		14,911
	04/18/22	2,168.5	5.9800		12,968
					-
					-
					-
					-
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		13,475			73,475
Grand Totals (beginning inventory plus purchases)		13,975		B \$	75,536

Grand Total Cost divided by Grand Total Gallons = 5.4053 Weighted Avg. Cost per gallon
Purchase Total Cost divided by Purchase Total Gallons = 5.4529 Cost Per Gallon

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